

STEREO MOC Status Report
Time Period: 2011:066 - 2011:072

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 070, during the DSS 54 support, the DCD failed over to the redundant side at 1030z. Currently approximately 45 minutes of instrument SSR data are missing, however, the DSN is attempting to recover it. See DR# M106233 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 067, the playback of SECCHI SSR2, special event partition #20, was enabled at 0637z. To optimize downlink bandwidth, after playing back the recorded data, the playback was disabled at 071-1455z.
- On day 067, the 36th momentum dump was successfully executed at 1600Z, which imparted a delta V of 0.0927 m/sec.
- The average daily SSR playback volume for Ahead was 4.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 068, during the DSS 26 support, ranging lock was lost at 0103z. The uplink ranging assembly was reset and ranging lock was reacquired at 0125z. This resulted in the loss of 22 minutes of ranging data. See DR# G111186 for more information.
- On day 070, during the DSS 14 support, telemetry lock was lost at 0228z. The station initiated a CONSCAN and the downlink signal was reacquired at 0242z. The problem recurred again intermittently from 0308z through 0339z. These anomalies resulted in the loss of two hours of instrument SSR data. See DR# G111191 & G111192 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 066, the playback of SECCHI SSR2, special event partition #20, was enabled at 2245z. To optimize downlink bandwidth, after playing back the recorded data, the playback was disabled at 068-1820z.
- On day 069, the 30th momentum dump was successfully executed at 1945z, which imparted a delta V of 0.0696 m/sec.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.